

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
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Application Serial Number: 10/594,856  
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Date Processed by STIC: 10/06/2006

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DATE: 10/06/2006

PATENT APPLICATION: US/10/594,856

TIME: 11:15:25

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 6 THEREOF  
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 C--> 11 <141> CURRENT FILING DATE: 2006-09-29  
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415 gaccttccga gccctgggtg cagctttggt gcagggtccag ttcatatgtg cttctgctta 10560
417 tagtctactg cctactgcaa ggctgggtca ctgtatgggt ttatcaatat aggcagtttg 10620
419 aattttttct gtgctatgtg aaagtccaat tggaaaagaa gaataaatga agatttcttt 10680
421 taaaaaatta gaggatgata gtaagttctc ctggagcaag cttcatgtag gggttcatga 10740
423 ctgtgggtga ttgcagcttt ttcagtaact ccgtgatgta tatcagaaat gtgtggtagt 10800
425 tttgaatgga caggtcaatc aatcttttgg attcagcaat aaatttttca tagtaatcag 10860
427 agagttggtc tgaaaaatct tgcagtttat atctaaactg ctggtggtaa tcagaaatta 10920
429 ttttcttctg cgcaatggyc tggcttttaa ttatttctg agcagtggca gaaagctctg 10980
431 caatcttctc tttccctttt ccactctgat cggtaaggat gctaagatat tctgaatat 11040
433 ttctgtgcag aaattgctca acttgacttg agagttggga agtaaagtta gaggcactga 11100
435 caatatattc agaatggaag tcttaagag caactaacag gttcttgatc agactgacta 11160
437 tcttttcttc aagttcataa tatttactg tccagccaac tatacttgga tcaaaatatt 11220
439 cttcacgaag ggccataatg tattgatgga tctgctgtaa ctcttgagaa gcttctgaa 11280
441 gctcggtttg aataaattca ttgaacttat gaagattaag gcatagggtt tctttcaaca 11340
443 atttaaaaac atatgggata taatcaytga agattgtgtt gatctcatct tggatataat 11400
445 taataagata agtaaatttc atctctttca gctgtttaat gttatcttct attagttgga 11460
447 aatgaattg taaaagggtcc tgaagattac gtagcacctc tgtggctctg agagactgaa 11520
449 tggcttttaa tacctcttgg gcttcttttg ataaatcttt caacagttcc statacatcg 11580
451 agattacatc tattagttta tgtttcctta actcgaaagg aagtgtaatc actaggtctt 11640
453 ggaaatagga aaacagtatt tctgaaccat tatggacttt cgaatatacc tgggacagta 11700
455 ccgtccctac ctcccttatg aacatagtgc aaagttcctc cctagtgtat atcccaggtt 11760
457 tccccggaac ctggaatctg ggggaagttca gaaaatcaat gagtgaagtca atcagatgct 11820

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/594,856

DATE: 10/06/2006  
TIME: 11:15:26

Input Set : F:\SEQ4087P.APP  
Output Set: N:\CRF4\10062006\J594856.raw

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 51  
Seq#:2; N Pos. 87186,87189,94779  
Seq#:3; N Pos. 3369,3653,16642,49299,49302,55857,57232  
Seq#:3; N Pos. 85366  
Seq#:4; N Pos. 16584,49274  
Seq#:4; N Pos. 79397  
Seq#:5; N Pos. 19605,20592,30844  
Seq#:5; N Pos. 76717  
Seq#:6; N Pos. 33959  
Seq#:6; N Pos. 72474  
Seq#:7; N Pos. 33227,33228,43387,49080,50426,53951  
Seq#:7; N Pos. 94616,95253  
Seq#:8; N Pos. 56435  
Seq#:9; N Pos. 51  
Seq#:10; N Pos. 4288,9036,48880  
Seq#:10; N Pos. 63501  
Seq#:11; N Pos. 95598  
Seq#:12; N Pos. 51  
Seq#:13; N Pos. 17988,19116,29648,48282,48376  
Seq#:13; N Pos. 64284,68418,78310,87992,88135,88149,93375

## VERIFICATION SUMMARY

DATE: 10/06/2006

PATENT APPLICATION: US/10/594,856

TIME: 11:15:26

Input Set : F:\SEQ4087P.APP

Output Set: N:\CRF4\10062006\J594856.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:38 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:2971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:87180  
M:341 Repeated in SeqNo=2  
L:3555 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:3360  
M:341 Repeated in SeqNo=3  
L:7220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:16560  
M:341 Repeated in SeqNo=4  
L:10648 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:19560  
M:341 Repeated in SeqNo=5  
L:14342 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:33900  
M:341 Repeated in SeqNo=6  
L:20677 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:33180  
M:341 Repeated in SeqNo=7  
L:24734 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:56400  
L:25927 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:26101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:4260  
M:341 Repeated in SeqNo=10  
L:31564 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:95580  
L:31585 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:32255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:17940  
M:341 Repeated in SeqNo=13